

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The A.M. transmission frequencies range from	A. 540 KHz to 1000 KHz B. 540 KHz to 1600 KHz C. 520 KHz TO 1600 KHz D. 520 KHz TO 1400 KHz
2	Laser can be made by creating.	A. Meta stable B. Population inversion C. Excited state D. All of these
3	The reverse saturation current in a PN junction diode is only due to:	A. Majority carriers B. Minority carriers C. Acceptor ions D. Donor ions
4	For Holography we use	A. X ray B. Laser C. gama rays D. Beta rays
5	The dimensions of magnetic flux are	A. $M^{1/2} L^{1/2} T^{1/2} A^{1/2}$ B. $MLT^{-2} A^{-1}$ C. $ML^{2/3} T^{2/3} A^{-1}$ D. $ML^{2/3} T^{2/3} A^{-1}$
6	We can never accurately describes all aspects of subatomic particles simultaneously. It is correct according to:	A. Uncertainty Principle B. De-broglie Theory C. Einstein Theory D. Photo electric effect
7	A charge Q is divided into two parts q and Q-q and separated by a distance R. The force of equilibrium between them will be maximum when:	A. $q=Q/4$ B. $q=Q/2$ C. $q=Q$ D. None of these
8	The electric field lines are closer where the field is	A. Strong B. Weak C. Uniform D. Variable
9	An electric field cannot deflect	A. X-rays B. α -particles C. β -particles D. None of these
10	The SI unit of relative permittivity is.	A. Fm^{-1} B. $C^2 N^{-1} m^{-2}$ C. $N m^2 C^{-2}$ D. No unit
11	In an electronic transition atom cannot emit.	A. Infrared radiations B. Visible radiations C. Ultraviolet radiations D. Gamma radiations
12	___ is correct relation.	A. $IT = 10^4 G$ B. $IT = 10^4 G$ C. $IT = 10^2 G$ D. $IT = 10^{-2} G$
13	NIBA =	A. $c\theta$ B. θ/c C. $c^2 \theta$ D. c^2 / θ
14	Coulomb /volt is called.	A. Farad B. Ampere C. Joule D. Henry

15	Semiconductor diodes are called:	A. Ohmic B. non ohmic C. Both a & b D. none of above
16	A wire uniform cross-section. A length L and resistance R is cut into two equal parts. The resistivity of each part will be:	A. Doubled B. Halved C. Remain the same D. One fourth
17	Circulation of blood is studied by radio isotope.	A. Cobalt -60 B. Phosphorus -32 C. Sodium -24 D. Iodine -131
18	Which diode works at reverse biasing.	A. LED B. Photo voltaic cell C. Photo diode D. Silicon diode
19	The sum of positive and negative peak value called.	A. R.M.S. value B. P-P value C. Peak value D. Average value
20	Bottom quark carries charge :	A. $2/3 e$ B. $-2/3 e$ C. $+1/3 e$ D. $-1/3 e$